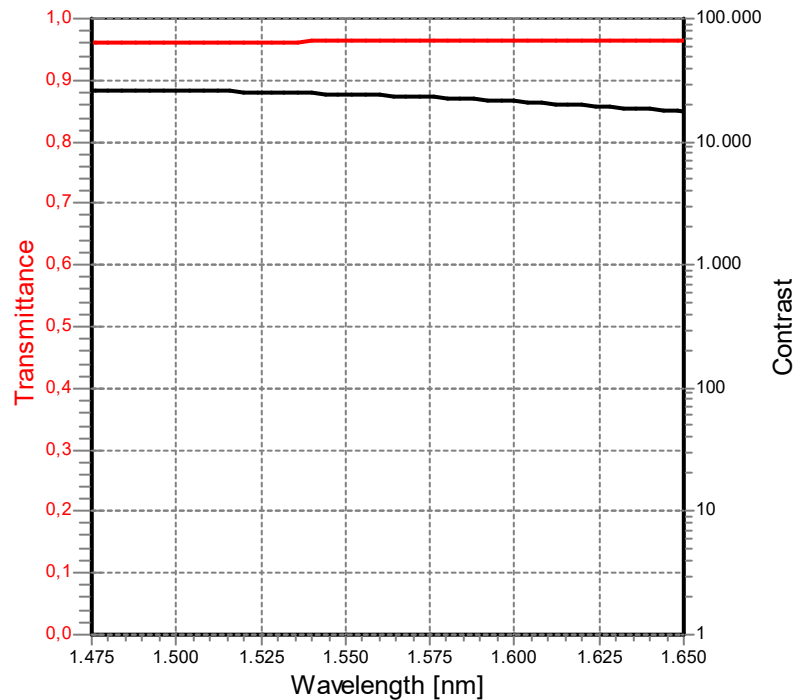


|                                       |                  |
|---------------------------------------|------------------|
| <b>glass sheet polarizer</b>          |                  |
| <b>colorPol® IR 1550 BC4 HT C1550</b> | <b>004938</b>    |
| <b>linear NIR-polarizer</b>           | Date: 01.01.2018 |

Wavelength range with **contrast > 10 000 : 1**  
 (Contrast = ratio of parallel and perpendicular transmittance)  
 Transmittance (antireflection coating, 0° incident angle)

1480 to 1650 nm  
 > 95 %

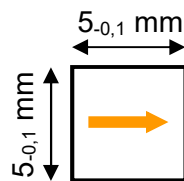
Spectral response



Filter thickness

$2,0 \pm 0,2$  mm

Filter size



→ Polarization (electric field vector of transmitted light)

Clear aperture

90 % of surface dimension

Surface imperfections (scratch / dig)

40 / 20 (MIL-O-13830A)

Polarization axis

< 0,5° to edge

Wavefront distortion

<  $\lambda/4$  at 633 nm

Acceptance angle (coating reference for 0°)

$\pm 20^\circ$

Operating temperature

-20 .. +120 °C

CODIXX AG reserves the right to change technical information without notice.

CODIXX AG  
 Betrieb Barleben  
 Steinfeldstraße 3  
 D – 39179 Barleben (Germany)

Phone: +49 39203 963 0  
 Fax: +49 39203 963 33  
<http://www.codixx.de>  
[colorPol@codixx.de](mailto:colorPol@codixx.de)